Listing and Amendment of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A peripheral consumer electronic device comprising:

(a) means for communicating with a display device interconnected by a digital bus;

(b) means for providing digital video content;

(c) means for generating, in said peripheral consumer electronic device, digital OSD video data representative of an on-screen display menu ~~that is overlayed~~ associated with said peripheral consumer electronic device, said on-screen display menu being overlaid onto said digital video content prior to being displayed on said display device~~, and associated with said peripheral consumer electronic device, said digital OSD video data being capable of being displayed on said display device~~; and

(d) means for transferring said digital video content and said digital OSD video data ~~capable of being displayed~~ as separate data via said digital bus to said display device, whereby said digital video content and said digital OSD video data may be subsequently combined and displayed on said display device.

2. (Previously Presented) The peripheral device of claim 1 wherein said transferring means comprises means for writing via said digital bus said digital OSD video data to a memory device associated with said display device.

3.   (Previously Presented) The peripheral device of claim 2 further comprising a means for navigating said on-screen display menu in response to a user initiated command, said navigating means generates updated digital video data in response to said user initiated command and writes said updated digital video data to said memory device, said user initiated command controls operating modes of said peripheral consumer electronic device.

4. (Previously Presented) The peripheral device of claim 1 further comprising a mapping means for identifying the connectivity of said peripheral consumer electronic device with other devices on said digital bus.

5. (Original) The peripheral device of claim 4 further comprising means for receiving characteristic information of each device connected on said digital bus.

6. (Original) The peripheral device of claim 1 further comprising means for processing video data.

7. (Currently Amended) A method for controlling a peripheral consumer electronic device interconnected via an IEEE 1394 serial bus to a display device comprising the steps of:

(a) transferring, to said display device, digital video content from said peripheral consumer electronic device utilizing an isochronous transfer mechanism of said serial bus;

(b) generating, in said peripheral consumer electronic device, digital video data representative of an on-screen display menu ~~that is overlayed~~ associated with said peripheral consumer electronic device, said on-screen display menu being overlaid onto said digital video content prior to being displayed on said display device, ~~and associated with said peripheral consumer electronic device, said digital video data being capable of being displayed~~; and

(c) transferring said digital video data via said serial bus to said display device utilizing an asynchronous transfer mechanism of said serial bus, whereby said digital video content and said digital video data may be combined and ~~display in~~ displayed on said display device.

8. (Previously Presented) The method of claim 7 further comprising the steps of:

(a) receiving control information in response to a user initiated command, said control information controlling operating modes of said peripheral consumer electronic device;

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(b) navigating said on-screen display menu in said peripheral consumer electronic device in response to said control information, wherein the step of navigating comprises updating said digital video data; and

(c) transferring said updated digital video data to said display device.

9.   (Currently Amended) A method for controlling a peripheral consumer electronic device interconnected via a ~~IEEE 1394~~ serial bus to a display device ~~comprises~~ comprising:

(a) mapping the connectivity of each device on said serial bus;

(b) communicating with said display device utilizing an asynchronous transfer mechanism of said serial bus;

(c) generating, in said peripheral consumer electronic device, digital video data representative of an on-screen display menu ~~that is overlayed~~ associated with said peripheral consumer electronic device, said on-screen display menu being overlaid onto said digital video content prior to being displayed on said display device~~, and associated with said peripheral consumer electronic device~~;

(d) providing to said display device a first message indicative of the availability of said digital video data, said first message comprising the location and size of said digital video data in a memory device associated with said peripheral consumer electronic device; and

(e) transferring said digital video content and said digital video data as separate data via said ~~IEEE 1394~~ serial bus.

10.   (Previously Presented) The method of claim 9 further comprising the steps of:

(a) receiving control information in response to a user initiated command, said control information controlling operating mode of said peripheral consumer electronic device;

(b) navigating said menu in said peripheral consumer electronic device in response to said control information, wherein the step of navigating comprises updating said digital video data;

(c) providing to said display device a second message comprising the location and size of said updated digital video data; and

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(d) transferring said updated digital video data to said memory device.

11. (Previously Presented) The method of claim 7 wherein the step of transferring said digital video data via said serial bus utilizes an isochronous transfer mechanism of said serial bus.

12. (Currently Amended) A display device, comprising:

(a) means for communicating with a peripheral device interconnected by a digital bus;

(b) means for receiving digital video content;

(c) means for receiving, from said peripheral device, digital video data representative of an on-screen display menu ~~that is overlayed~~ associated with said peripheral device, said on-screen display menu being overlaid onto said digital video content prior to being displayed on said display device, ~~and associated with said peripheral device, said digital video data being capable of being displayed,~~ said digital video data and said digital video content being received as separate data via said digital bus; and

(d) means for overlaying ~~and displaying~~ said digital video data onto said digital video content and displaying said digital video data overlaid upon said digital video content.

13. (Currently Amended) A method for controlling a peripheral consumer electronic device interconnected via an IEEE 1394 serial bus to a display device comprising the steps of:

(a) transferring, to said display device, digital video content from said peripheral consumer electronic device via said IEEE 1394 serial bus;

(b) generating, in said peripheral consumer electronic device, digital video data representative of an on-screen display menu ~~that is overlayed~~ associated with said peripheral consumer electronic device, said on-screen display menu being overlaid onto said digital video content prior to being displayed on said display device, ~~and associated with said peripheral consumer electronic device, said digital video data being capable of being displayed on said display device~~; and

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(c) transferring said digital video data ~~representative of an on-screen display menu via said IEEE 1394 serial bus, the digital video data representative of an on-screen display menu and the~~ and said digital video content ~~being transferred~~ as separate data via said IEEE 1394 serial bus, whereby said digital video content and said digital video data ~~representative of an on-screen display menu~~ may be combined and displayed on said display device.

14. (Currently Amended) A display device, comprising:

(a) means for communicating with a peripheral device via an IEEE 1394 serial bus;

(b) means for receiving from said peripheral device, digital video content via said IEEE 1394 serial bus;

(c) means for receiving from said peripheral device, digital video data <u>via said IEEE 1394 serial bus, said digital video data being</u> representative of an on-screen display menu ~~that is overlayed~~ <u>associated with said peripheral device, said on-screen display menu being overlaid</u> onto said digital video content prior to being displayed on said display device ~~via said IEEE 1394 serial bus~~, the digital video content and the digital video data ~~representative of an on-screen display menu~~ being received as separate data via the IEEE 1394 serial bus;

(d) means for combining the digital video content and the digital video data ~~representative of an on-screen display menu~~ to generate a combined video image; and

(e) means for displaying said combined video image.

15. (Previously Presented) The display device of claim 14 wherein the digital video content is received from the peripheral device using an isochronous transfer mechanism of said IEEE 1394 serial bus.

16. (Previously Presented) The display device of claim 14 wherein the digital video data representative of the on-screen menu is received from the peripheral device using an asynchronous transfer mechanism of said IEEE 1394 serial bus.

17.   (Previously Presented) The display device of claim 16 wherein the means for receiving digital video data includes means for receiving a message indicative of the availability of said digital video data representative of on-screen display menu via said asynchronous transfer mechanism of said IEEE 1394 serial bus.